

PINK BOLLWORM PROGRAM – WEEKLY REPORT

38 YEARS OF SERVICE TO COTTON GROWERS



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Week Ending June 25, 2005

Pink Bollworm Activities

Palo Verde and Imperial Valleys:

Cotton planting is complete in both the Blythe/Palo Verde Valley area and the Imperial Valley. Mapped acreage by area is: 13,230 acres in the Blythe/Palo Verde Valley area, 6,405 in the Imperial Valley, and 1,000 acres in the Bard/Winterhaven area. By next week the totals by county will be available. Trap totals of native pink bollworm moths dropped this week by 40% in the Imperial Valley and 22.6% in the Blythe/Palo Verde Valley area. It appears that there has been a high percentage of suicidal emergence, resulting in larger number of native moths emerging and dying before the development of hostable squares. This would result in a smaller first in-field generation and explain this sizeable drop in moth captures.

San Joaquin Valley:

Mapping has been completed in Kern, Kings, Tulare, Fresno, and Madera Counties. Preliminary totals to date are: 122,560 acres in Kern County, 171,220 acres in Kings County, 50,235 acres in Tulare County, 213,485 acres in Fresno County, 14,710 acres in Madera County. There are 32,615 acres mapped so far in Merced County, which should be completed on Tuesday, June 29. Final acreage totals will be announced after traps have been installed and trappers have had a chance to report any additions, deletions, or corrections.

Installation of traps for General Detection Trapping (GDT) began in Kern County, with 867 traps installed this week. Kings, and Tulare Counties will begin installing traps next week. Fresno, Madera, and Merced Counties will begin deploying traps on Tuesday July 5th.

Sterile moth releases remain consistent with 9.54 million released this week. This brings the season total to 78.0 million sterile moths released. Heat unit accumulations continue to trail last year by 13 to 19 days in the San Joaquin Valley. Current projections are for a first in-field generation peak near July 24th in southern Kern County and August 14th in Merced County.

No native pink bollworm moths have been captured to date. The first native in 2004 was captured in Kern County on the 4th of May.

Sacramento Valley:

The anticipated start date for Pink Bollworm Program mapping and trapping in the Sacramento Valley is August 2nd.